

12-10-01

A

PTO/SB/05

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

## UTILITY PATENT APPLICATION TRANSMITTAL

Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATIONAttorney Docket No.: 000423  
Date: December 4, 2001  
Express Mail Label No.: EL 903 006 404 US  
Customer No.: 023696 Bar Code  
Label: \*23696\*  
23696

PATENT TRADEMARK OFFICE

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Thomas Birnbaum and Thomas G. Wolf

For: ANTENNA AND SHIELD

Enclosed are:

1. ☒ Patent application (22) total pages.
2. ☒ Drawings: ☐ Formal ( ) sheet(s) or ☒ Informal (10) sheets.
3. ☒ Declaration/Power of Attorney: ☐ Signed ☒ Unsigned
4. ☐ An Assignment ( ) pages and Recordation Form Cover Sheet.
5. ☐ A Preliminary Amendment ( ) pages.
6. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
7. ☐ Other:


CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	30 - 20	10	x \$18 =	\$180.00
Independent**	3 - 3	0	x \$84 =	\$0.00
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$
APPLICATION FILING FEE			\$740	\$740.00
			TOTAL FEE	\$920.00

\*If the number in column a is less than 20, enter 0 in column b.

\*\*If the number in column b is less than 3, enter 0 in column b.

8. ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
9. ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$920.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: December 4, 2001

Signature: Howard Seo, Reg. No. 43,106  
(858) 845-5235QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

000423

PATENT  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
BIRNBAUM, ET AL.

For: ANTENNA AND SHIELD

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HEREWITH on December 4, 2001

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Commissioner of Patents  
BOX PATENT APPLICATION  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

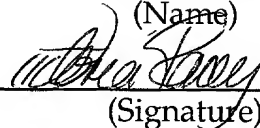
"Express Mail" mailing label No. EL 903 006 404 US

Date of Deposit December 4, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, P.O. Box 2327, Arlington, VA 22202. Enclosed herewith are the following documents: TRANSMITTAL LETTER; CERTIFICATE OF MAILING UNDER 37CFR § 1.10; PATENT SPECIFICATION IN 22 PAGES, INFORMAL DRAWINGS IN 10 pgs COMBINED DECLARATION AND POWER OF ATTORNEY IN 2 PAGES; and POSTCARD.

Victoria J. Pacey

(Name)



(Signature)

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 845-5235  
Facsimile: (858) 658-2502

# COMBINED DECLARATION / POWER OF ATTORNEY

ATTORNEY DOCKET NO.: 000423

Full Name of Second or Joint Inventor Thomas Wolf	Inventor Signature	Date
Residence San Jose, CA	Citizenship	
Post Office Address		